

A. Authors, institutions, Overview

- ① 1. Title - Enter a title, beginning with a descriptive reference to the specimen material or other characteristics specific to this data record, e.g. "Polyvinyl Acetate Degradation During XPS Measurements." Please refrain from using titles beginning with /he name of the spectroscopy, e.g. avoid titles like "AES study of, . . ."

CuBr by XPS - . .

- ① 2. Authors, Institutions, and Locations (city, state, province, or country) - list authors and affiliations, in order of appearance in SSS.

Richard P. Vasquez	Author	Jet Propulsion Laboratory	Institution	Pasadena CA	Location
		California Institute of Technology		91109-3099	

- ① 3. Abstract — Summarize and include key information about the specimens and spectra, such as specimen material, measurement procedures, and significance of the research. The abstract will be reprinted verbatim.

X-ray photoemission measurements of high purity Cu Br are presented. XPS studies of Cu compounds in this laboratory have been motivated by the need to identify species on chemically-etched high temperature superconductor surfaces (e.g. see Ref. 1).

- ① 9. Key Words - *List selected phrases and words to help readers search for information in the database, e.g. Auger electron spectroscopy, oxidation, corrosion, surface segregation. Be selective, but thorough.*

X-ray photoemission, copper (I) bromide, copper compounds

- ① 10. Spectra Category - *Check the suggested category of the data record: Technical, Comparison, or Reference (see the overview of instructions for definitions). The editors may suggest an alternate category, based on the recommendations of referees.*

Technical Comparison Reference

- ③ 11. References - *List citations to articles related to the data record using the style of J. Vac. Sci. Technol.*

1. R. P. Vasquez, M. C. Foote, and B. D. Hunt, J. Appl. Phys.
66, 4866 (1989).

- ⑥ 12. Acknowledgements

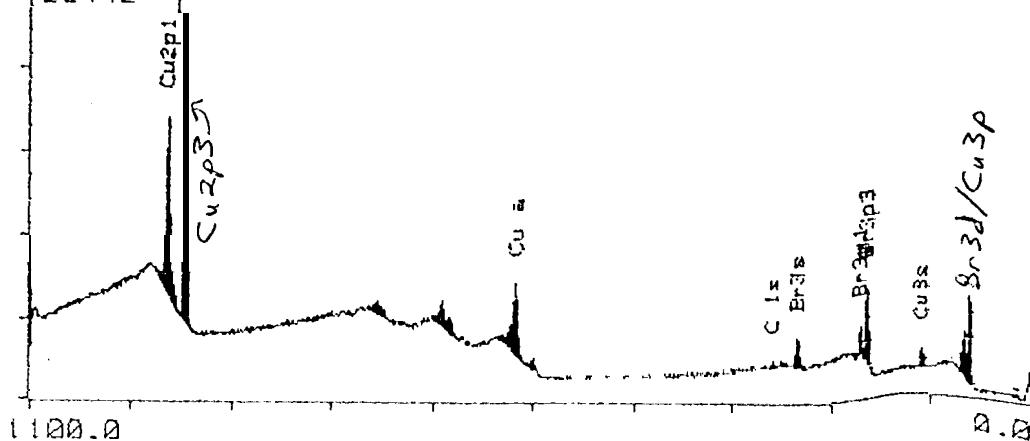
This work was supported by NASA/GACT and BMDO/EST.

Monday 11/29/1993
13:29:15
CuBr compressed on In

(1) CuBr_1

of Scans: 8
Flood Gun: 1096.93
eV: 4509
Counts

22442 Oper: RPV Groups: B Res: 4 Spot: 1000 u



Survey

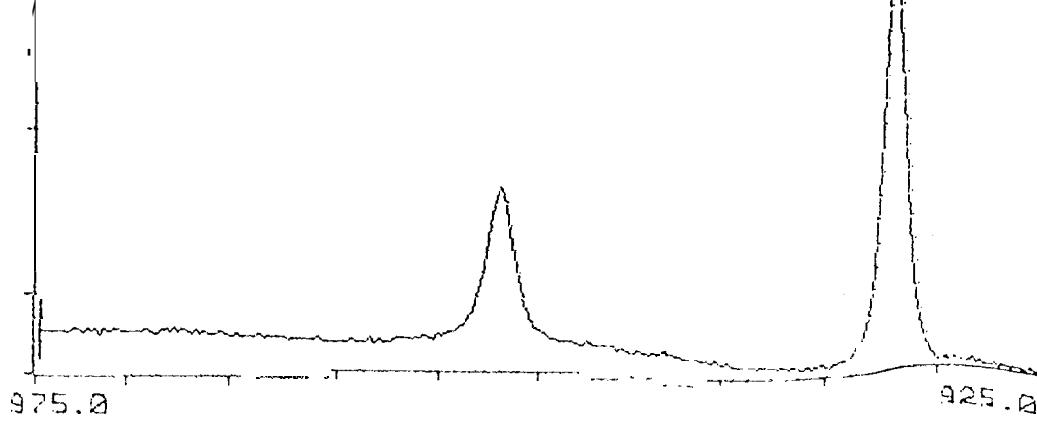
Monday 11/29/1993
3:30:15

CuBr compressed on In

(2) CuBr_2

of Scans: 28
Flood Gun: 974.00
eV: 2476
Counts: 2304
Subt 2304 etc

22916 Oper: RPV Groups: 2 Res: 1 Spot: 300 u



Cu 2p